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? begin 5,6,55,154,155,156,312,399,biotech,biosci
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Set	Items	Description
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? s (parkinson? or neurodegenerative) (10n) (glial (n) cell or GDNF) and lentivir?
 Processed 10 of 34 files ...

Processing

Completed processing all files

	267435	PARKINSON?
	85551	NEURODEGENERATIVE
	215431	GLIAL
	14371912	CELL
	50634	GLIAL(N)CELL
	11786	GDNF
	1649	(PARKINSON? OR NEURODEGENERATIVE) (10N) (GLIAL(N)CELL OR GDNF)
	117391	LENTIVIR?
S1	100	(PARKINSON? OR NEURODEGENERATIVE) (10N) (GLIAL (N) CELL OR GDNF) AND LENTIVIR?

? s s1 and (parkinson? or neurodegenerative) (10n) lentivir?

	100	S1
	267435	PARKINSON?
	85551	NEURODEGENERATIVE
	117391	LENTIVIR?
	157	(PARKINSON? OR NEURODEGENERATIVE) (10N)LENTIVIR?
S2	66	S1 AND (PARKINSON? OR NEURODEGENERATIVE) (10N) LENTIVIR?

? rd s2

...examined 50 records (50)

...completed examining records

S3	18	RD S2 (unique items)
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? d s3/3/1-18

Display 3/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

14387275 BIOSIS NO.: 200300381304

GENE THERAPY FOR NEUROLOGICAL DISEASE: TRANSITION TO THE CLINIC.

AUTHOR: Tuszynski M H(a); Kordower J H; Davidson B L; Martuza R L

AUTHOR ADDRESS: (a)Dept. Neurosciences, University of California - San Diego, La Jolla, CA, USA**USA

JOURNAL: Society for Neuroscience Abstract Viewer and Itinerary Planner
 2002pAbstract No 611 2002

MEDIUM: cd-rom

CONFERENCE/MEETING: 32nd Annual Meeting of the Society for Neuroscience
 Orlando, Florida, USA November 02-07, 2002

SPONSOR: Society for Neuroscience

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 3/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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14311425 BIOSIS NO.: 200300305454

REGULATED GLIAL DERIVED NEUROTROPHIC FACTOR PRODUCTION BY NEUROSPHERES
 STIMULATES AND PROTECTS DOPAMINE NEURONS.

AUTHOR: Behrstock S(a); Tai Y T; Ostenfeld T; Ludtke J(a); Klein S(a);
 Deglon N; Aebischer P; Svendsen C N(a)

AUTHOR ADDRESS: (a)Waisman Center, Univ of Wisconsin, Madison, WI, USA**USA

JOURNAL: Society for Neuroscience Abstract Viewer and Itinerary Planner
 2002pAbstract No 53112 2002

MEDIUM: cd-rom

CONFERENCE/MEETING: 32nd Annual Meeting of the Society for Neuroscience
Orlando, Florida, USA November 02-07, 2002
SPONSOR: Society for Neuroscience
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?

Display 3/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

13962838 BIOSIS NO.: 200200591659
Neuroprotection in the rat **Parkinson** model by intrastriatal
GDNF gene transfer using a **lentiviral** vector.
AUTHOR: Georgievska Biljana(a); Kirik Deniz; Rosenblad Carl; Lundberg
Cecilia; Bjorklund Anders
AUTHOR ADDRESS: (a)Wallenberg Neuroscience Center, Department of
Physiological Sciences, Lund University, 22184, BMC All, Lund**Sweden
JOURNAL: Neuroreport 13 (1):p75-82 21 January, 2002
MEDIUM: print
ISSN: 0959-4965
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

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?

Display 3/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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13778235 BIOSIS NO.: 200200407056
Lentivirally delivered glial cell line-derived neurotrophic factor
increases the number of striatal dopaminergic neurons in primate models
of nigrostriatal degeneration.
AUTHOR: Palfi Stephane; Leventhal Liza; Chu Yaping; Ma Shuang Y; Emborg
Marina; Bakay Roy; Deglon Nicole; Hantraye Philippe; Aebischer Patrick;
Kordower Jeffrey H(a)
AUTHOR ADDRESS: (a)Department of Neurological Sciences, Rush Presbyterian
Medical Center, 2242 West Harrison Street, Chicago, IL, 60612**USA
E-Mail: jkordowe@rush.edu
JOURNAL: Journal of Neuroscience 22 (12):p4942-4954 June 15, 2002
MEDIUM: print
ISSN: 0270-6474
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 3/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

12902548 BIOSIS NO.: 200100109697
Lentiviral delivery of GDNF in MPTP-treated monkeys: effects on
behavior and FD PET uptake.
AUTHOR: Emborg M E(a); Kordower J H; Bloch J; Ma S; Chu Y P; Leventhal L;
Palfi J; McBride J; Stansell J; Carvey P; Holden J; Brown D; Taylor M;
Aebischer P; Deglon N
AUTHOR ADDRESS: (a)Rush Univ., Chicago, IL**USA
JOURNAL: Society for Neuroscience Abstracts 26 (1-2):pAbstract No-76518

2000

MEDIUM: print

CONFERENCE/MEETING: 30th Annual Meeting of the Society of Neuroscience New Orleans, LA, USA November 04-09, 2000

SPONSOR: Society for Neuroscience

ISSN: 0190-5295

RECORD TYPE: Abstract

LANGUAGE: English

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Display 3/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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SUMMARY LANGUAGE: English

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Display 3/3/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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12841775 BIOSIS NO.: 200100048924

Towards a neuroprotective gene therapy for **Parkinson's** disease: Use of adenovirus, AAV and **lentivirus** vectors for gene transfer of **GNDF** to the nigrostriatal system in the rat **Parkinson** model.

AUTHOR: Bjorklund A(a); Kirik D; Rosenblad C; Georgievska B; Lundberg C; Mandel R J

AUTHOR ADDRESS: (a)Wallenberg Neuroscience Center, Section of Neurobiology, Lund University, Solvegatan 17, S-22362, Lund:

anders.bjorklund@mphy.lu.se**Sweden

JOURNAL: Brain Research 886 (1-2):p82-98 15 December, 2000

MEDIUM: print

ISSN: 0006-8993

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

- end of record -

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Display 3/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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12813862 BIOSIS NO.: 200100021011

Neurodegeneration prevented by **lentiviral** vector delivery of **GNDF** in primate models of **Parkinson's** disease.

AUTHOR: Kordower Jeffrey H(a); Emborg Marina E; Bloch Jocelyn; Ma Shuang Y; Chu Yaping; Leventhal Liza; McBride Jodi; Chen Er-Yun; Palfi Stephane; Roitberg Ben Zion; Brown W Douglas; Holden James E; Pyzalski Robert; Taylor Michael D; Carvey Paul; Ling ZaoDung; Trono Didier; Hantraye Philippe; Deglon Nicole; Aebischer Patrick

AUTHOR ADDRESS: (a)Department of Neurological Sciences, Rush Presbyterian-St. Luke's Medical Center, Chicago, IL, 60612: jkordowe@rush.edu**USA

JOURNAL: Science (Washington D C) 290 (5492):p767-773 27 October, 2000

MEDIUM: print

ISSN: 0036-8075

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

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Display 3/3/7 (Item 7 from file: 5)
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LANGUAGE: English
SUMMARY LANGUAGE: English

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Display 3/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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12619255 BIOSIS NO.: 200000372757

Lentiviral vectors as a gene delivery system in the mouse midbrain:
Cellular and behavioral improvements in a 6-OHDA model of **Parkinson**
's disease using **GDNF**.

AUTHOR: Bensadoun Jean-Charles(a); Deglon Nicole(a); Tseng Jack L(a); Ridet
Jean-Luc(a); Zurn Anne D(a); Aebischer Patrick(a)

AUTHOR ADDRESS: (a)Division of Surgical Research and Gene Therapy Center,
Centre Hospitalier Universitaire Vaudois, Pavillon 4, 1011, Lausanne**
Switzerland

JOURNAL: Experimental Neurology 164 (1):p15-24 July, 2000

MEDIUM: print

ISSN: 0014-4886

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

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Display 3/3/9 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

2161455 NTIS Accession Number: ADA374727/XAB

Gene Therapy in a Nonhuman Primate Model of Parkinson's Disease
(Annual rept. 15 Sep 98-14 Sep 99)

Kordower, J.

Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL.

Corp. Source Codes: 059422000; 390122

Oct 1999 26p

Languages: English

Journal Announcement: USGRDR0014

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Display 3/3/10 (Item 1 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
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09397663 21163793 PMID: 11266028

Glial cell line-derived neurotrophic factor (**GDNF**)
prevents neurodegeneration in models of **Parkinson's** disease.

Reilly C E

Journal of neurology (Germany) Jan 2001, 248 (1) p76-8, ISSN
0340-5354 Journal Code: 0423161

Document type: News
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

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Display 3/3/11 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

137159056 CA: 137(11)159056s JOURNAL
Sustained delivery of GDNF: towards a treatment for Parkinson's disease
AUTHOR(S): Zurn, Anne D.; Widmer, Hans R.; Aebischer, Patrick
LOCATION: Division of Surgical Research and Gene Therapy Center, CHUV,
CH-1011, Lausanne, Switz.
JOURNAL: Brain Res. Rev. (Brain Research Reviews) DATE: 2001 VOLUME: 36
NUMBER: 2-3 PAGES: 222-229 CODEN: BRERD2 ISSN: 0165-0173
PUBLISHER ITEM IDENTIFIER: 0165-0173(01)00098-4 LANGUAGE: English
PUBLISHER: Elsevier Science B.V.

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Display 3/3/12 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

136257673 CA: 136(17)257673q JOURNAL
Ex Vivo and In Vitro Studies of Transgene Expression in Rat Astrocytes
Transduced with Lentiviral Vectors
AUTHOR(S): Ericson, Cecilia; Wictorin, Klas; Lundberg, Cecilia
LOCATION: Wallenberg Neuroscience Center, Department of Physiological
Sciences, Lund University, S-221 84, Lund, Swed.
JOURNAL: Exp. Neurol. DATE: 2002 VOLUME: 173 NUMBER: 1 PAGES: 22-30
CODEN: EXNEAC ISSN: 0014-4886 LANGUAGE: English PUBLISHER: Academic
Press

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Display 3/3/13 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

11865731 Genuine Article#: 705BC No. References: 24
Title: In vivo delivery of glial cell-derived neurotrophic factor across
the blood-brain barrier by gene transfer into brain capillary
endothelial cells
Author(s): Jiang C; Koyabu N; Yonemitsu Y; Shimazoe T; Watanabe S; Naito M;
Tsuruo T; Ohtani H; Sawada Y (REPRINT)
Corporate Source: Kyushu Univ, Dept Med Pharmaceut Sci, Grad Sch Pharmaceut
Sci, Higashi Ku, 3-1-1 Maidashi/Fukuoka 8128582//Japan/ (REPRINT);
Kyushu Univ, Dept Med Pharmaceut Sci, Grad Sch Pharmaceut Sci, Higashi
Ku, Fukuoka 8128582//Japan/; Kyushu Univ, Dept Pharmacol, Grad Sch
Pharmaceut Sci, Higashi Ku, Fukuoka 8128582//Japan/; Kyushu Univ, Div
Pathophysiol & Expt Pathol, Dept Pathol, Grad Sch Med Sci, Higashi
Ku, Fukuoka 8128582//Japan/; Univ Tokyo, Inst Mol & Cellular Biosci,
Bunkyo Ku, Tokyo//Japan/
Journal: HUMAN GENE THERAPY, 2003, V14, N12 (AUG), P1181-1191
ISSN: 1043-0342 Publication date: 20030800

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Display 3/3/13 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.
Publisher: MARY ANN LIEBERT INC PUBL, 2 MADISON AVENUE, LARCHMONT, NY 10538
USA
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

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Display 3/3/14 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2003 Elsevier Science B.V. All rts. reserv.

11981662 EMBASE No: 2003092697

Comparative study of GDNF delivery systems for the CNS: Polymer rods,
encapsulated cells, and **lentiviral** vectors

Bensadoun J.-C.; De Almeida L.P.; Fine E.G.; Tseng J.L.; Deglon N.;
Aebischer P.

P. Aebischer, Institute of Neurosciences, Swiss Fed. Inst. Technol. L.,
CH-1015 Lausanne Switzerland

AUTHOR EMAIL: patrick.aebischer@epfl.ch

Journal of Controlled Release (J. CONTROL. RELEASE) (Netherlands) 21
FEB 2003, 87/1-3 (107-115)

CODEN: JCREE ISSN: 0168-3659

DOCUMENT TYPE: Journal ; Conference Paper

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 33

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Display 3/3/15 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

16015588 PASCAL No.: 03-0161627

Aberrant sprouting and downregulation of tyrosine hydroxylase in lesioned
nigrostriatal dopamine neurons induced by long-lasting overexpression of
glial cell line derived neurotrophic factor in the striatum by
lentiviral gene transfer

GEORGIEVSKA Biljana; KIRIK Deniz; BJOERKLUND Anders

Wallenberg Neuroscience Center, Department of Physiological Sciences,
Lund University, BMC All, 221 84 Lund, Sweden

Journal: Experimental neurology : (Print), 2002, 177 (2) 461-474

Language: English

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Display 3/3/16 (Item 2 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

14439955 PASCAL No.: 00-0098236

Self-inactivating **lentiviral** vectors with enhanced transgene
expression as potential gene transfer system in Parkinson's disease

DEGLON N; TSENG J L; BENSADOUN J C; ZURN A D; ARSENIJEVIC Y; PEREIRA DE
ALMEIDA L; ZUFFEREY R; TRONO D; AEBISCHER P

Division of Surgical Research and Gene Therapy Center, Lausanne
University, 1011 Lausanne, Switzerland; Department of Genetics and
Microbiology, Geneva University, Geneva, Switzerland

Journal: Human gene therapy, 2000, 11 (1) 179-190

Language: English

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Display 3/3/17 (Item 3 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

13616530 PASCAL No.: 98-0322507

Potential of gene therapy for Parkinson's disease : Neurobiologic issues
and new developments in gene transfer methodologies

UN JUNG KANG

FAHN Stanley, pref; BURKE Robert E, pref; MAYEUX Richard, pref;
PRZEDBORSKI Serge, pref

Departments of Neurology and Pharmacological and Physiological Sciences,
University of Chicago, Illinois, United States

The Neurological Institute, New York, NY, United States; Department of
Neurology, Columbia University, New York, NY, United States; Columbia
University, Neurology Department, New York, NY, United States; The Gertrude
H. Sergievsky Center, New York, NY, United States

The Parkinson's Disease Foundation, Unknown.

Frontiers in Parkinson's Disease. Symposium (New York City USA)

1997-05-31

Journal: Movement disorders, 1998, 13 (SUP1) 59-72

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Display 3/3/17 (Item 3 from file: 144)
DIALOG(R)File 144:Pascal
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Language: English

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Display 3/3/18 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2003 Thomson Derwent & ISI. All rts. reserv.

0301817 DBR Accession No.: 2003-03602 PATENT

Delivering a **lentivirus** encoding a neurotrophin to a targeted region
of a mammalian brain which contains defective, diseased or damaged
neurons is useful to treat neurodegenerative diseases including
Parkinson's and Alzheimer's - HIV virus-1 vector-mediated
beta-galactosidase and glial cell-derived neurotrophic factor gene
transfer and expression in host cell for disease gene therapy

AUTHOR: TUSZYNSKI M H

PATENT ASSIGNEE: UNIV CALIFORNIA 2002

PATENT NUMBER: US 20020106350 PATENT DATE: 20020808 WPI ACCESSION NO.:
2002-697859 (200275)

PRIORITY APPLIC. NO.: US 32952 APPLIC. DATE: 20011026

NATIONAL APPLIC. NO.: US 32952 APPLIC. DATE: 20011026

LANGUAGE: English

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? e au=aebischer, patrick

Ref Items Index-term

E1 120 *AU=AEBISCHER, PATRICK

E2 27 AU=AEBISCHER, T.

E3	28	AU=AEBISCHER, TONI
E4	4	AU=AEBISCHER, TONY
E5	1	AU=AEBISCHER, U.
E6	3	AU=AEBISCHER, URS
E7	6	AU=AEBISCHER, V.
E8	1	AU=AEBISCHER, D.
E9	1	AU=AEBISCHERT T
E10	1	AU=AEBISHCHER, N. J
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E3	1	AU=AEBISCHER PA
E4	2	AU=AEBISCHER PARTICK
E5	179	AU=AEBISCHER PATRICK
E6	1	AU=AEBISCHER R
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E8	1	AU=AEBISCHER S.
E9	2	AU=AEBISCHER STEFAN
E10	142	AU=AEBISCHER T
E11	53	AU=AEBISCHER T.
E12	59	AU=AEBISCHER TONI

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? e au=naylor, stuart

Ref	Items	Index-term
E1	11	AU=NAYLOR, STEVE
E2	10	AU=NAYLOR, STEVEN
E3	15	*AU=NAYLOR, STUART
E4	1	AU=NAYLOR, STUART W
E5	1	AU=NAYLOR, STUART W.
E6	7	AU=NAYLOR, SUSAN
E7	1	AU=NAYLOR, SUSAN BRUMLEY
E8	2	AU=NAYLOR, SUSAN JEAN
E9	2	AU=NAYLOR, SUSAN K.
E10	1	AU=NAYLOR, SUSAN L
E11	97	AU=NAYLOR, SUSAN L.
E12	2	AU=NAYLOR, SUSAN LYNN

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Ref	Items	Index-term
E1	2	AU=NAYLOR STEPHEN J
E2	2	AU=NAYLOR STRONG E C
E3	21	*AU=NAYLOR STUART
E4	2	AU=NAYLOR STUART M
E5	11	AU=NAYLOR STUART W
E6	19	AU=NAYLOR SUSAN
E7	1	AU=NAYLOR SUSAN J
E8	6	AU=NAYLOR SUSAN K
E9	77	AU=NAYLOR SUSAN L
E10	10	AU=NAYLOR SUSAN T
E11	3	AU=NAYLOR SW
E12	154	AU=NAYLOR T

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S4 21 AU='NAYLOR STUART'

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21 S4

267435 PARKINSON?

S5 0 S4 AND PARKINSON?

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